

**I claim:**

1. A collator for bagged food products comprising:  
spaced, parallel bagged food product receiving  
conveyors;  
5 spaced, parallel bagged food product discharge  
conveyors each for sequentially receiving bagged food  
products and for discharging the received bagged food  
products onto one of the bagged food product receiving  
conveyors; and  
10 a diverter for receiving bagged food products and  
for selectively directing received bagged food products  
onto one or the other of the spaced, parallel bagged food  
product discharge conveyors.
2. The collator for bagged food products according  
15 to Claim 1 wherein the diverter comprises spaced, parallel  
diverter members, means supporting the diverter members for  
pivotal movement about spaced, parallel, vertically  
extending axes, and means for selectively pivoting the  
diverter members about the vertically extending axes.

3. The collator according to Claim 2 wherein the diverter member positioning means selectively positions the diverter members to direct received bagged food products onto one or the other of the spaced, parallel bagged food product discharge conveyors.

4. The collator according to Claim 3 wherein the diverter member positioning means selectively positions the diverter members to direct larger sizes of bagged food products along a centrally disposed path comprising portions of both of the spaced, parallel bagged food product discharge conveyors.

5. The collator according to Claim 1 further characterized by support rods extending transversely across the discharge conveyors, a plurality of guide members mounted on the support rods and extending parallel to the discharge conveyors; and means for selectively positioning the guide members relative to the discharge conveyors.

6. The collator according to Claim 5 wherein the diverter selectively directs bagged food products into paths extending between adjacent guide members.

7. The collator for bagged food products according to Claim 6 wherein the diverter comprises spaced, parallel diverter members, means supporting the diverter members for pivotal movement about spaced, parallel, vertically extending axes, and means for selectively pivoting the diverter members about the vertically extending axes.

8. The collator according to Claim 7 wherein the diverter member positioning means selectively positions the diverter members to direct received bagged food products onto one or the other of the spaced, parallel bagged food product discharge conveyors.

9. The collator according to Claim 8 wherein the diverter member positioning means selectively positions the diverter members to direct larger sizes of bagged food products along a centrally disposed path comprising portions of both of the spaced, parallel bagged food product discharge conveyors.

10. The collator according to Claim 7 wherein the  
diverter member positioning means comprises a belt  
operatively connected to the diverter members and extending  
around a predetermined track, and a drive mechanism for  
5 selectively moving the belt around the predetermined track  
and thereby positioning the diverter members.